

- - REMARKS - -

The present response is in reply to a First Non-Final Office Action dated February 28, 2002. Claims 1-10 as originally filed are currently pending in the present application with claims 7-10 being withdrawn from consideration.

In the First Non-Final Office Action, Examiner Zimmerman objected to the drawings for failing to properly designate FIGS. 1, 2, 3 and 4A as prior art and for failing to properly designate reference characters 52, 54, and 63. In response to the objections, the Applicants are concurrently filing a marked-up specification and a substitute specification in accordance with 37 CFR §1.125 as well as a marked-up version of FIGS. 1-4A. In particular, FIGS. 1- 4A have been designated with a Prior Art legend and the specification has been amended to properly reference groove 52, hook 54, and edge/hook/small groove 63. The Applicants further amended the specification to properly arrange the specification and to correct all inadvertent typographical errors. The Applicants will submit a set of formal drawings upon approval of the informal drawings by Examiner Zimmerman and an issuance of a Notice of Allowance of the present application by Examiner Zimmerman. No new matter has been introduced by the submission of the substitute specification and the marked-up FIGS. 1-4A.

Approved
by
8/14/02

In the First Non-Final Office Action, Examiner Zimmerman also objected to pending claims 1, 2, 4 and 5 for including informalities. In response to the claim objections, the Applicants have amended claims 1, 2, 4 and 5 to appropriately correct the informalities as directed by Examiner Zimmerman. Attached hereto is a marked-up version of the changes to claims 1, 2, 4, and 5 by the current amendment. The attached page is captioned "**Version With Markings To Show Changes Made**". No new matter has been introduced by amendment of claims 1, 2, 4, and 5.

In the First Non-Final Office Action, Examiner Zimmerman further rejected pending claims 1-6 under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 4,078,301 to *Renders* et al. The Applicants have thoroughly considered Examiner Zimmerman's remarks concerning the patentability of independent claims 1 and 4 over *Renders* as well as thoroughly read *Renders*. The Applicants respectfully traverse this 35 U.S.C. §102(b) rejection, because *Renders*, among other things, fails to disclose, teach, or suggest each and every limitation of independent claims 1 and 4.

Specifically, Examiner Zimmerman reads the *Renders* as teaching a beginning of current wire supplies 11 and 15 as being largely detached from a foremost flange 19 and a rearmost flange 21, when in fact *Renders* discloses a complete detachment of the beginning of the current wire supplies 11 and 15 from the foremost flange 19 and the rearmost flange 21. See, FIGS. 2B-2E of *Renders*. Moreover, *Renders* can not be interpreted to disclose a large detachment of the current wire supplies 11 and 15 from a left-side flange 23 or a right-side flange 23 because, the current wire supplies 11 and 15 are completely detached from the left-side flange 23 and the current wire supplies 11 and 15 are slightly detached from the right-side flange 23. See, FIGS. 2B-2E of *Renders*.

By comparison, independent claims 1 and 4 currently recite "a beginning of a current-supply wire or current-supply wires is largely detached from the flange", and dependent claims 2 and 5 currently recite "the beginning is attached to the flange". A proper interpretation of the scope of claims 1 and 4 therefore is that, while the beginning of the current-supply wire or current-supply wires is largely detached from the flange, a portion of the beginning of the current-supply wire or current-supply wires must be slightly attached to the flange. Thus, *Renders* unequivocally does not disclose, teach, or suggest "a beginning of a current-supply wire or current-supply wires is largely detached from the flange" as recited in independent claims 1 and 4. The Applicants therefore respectfully request withdrawal of the rejection of independent claims 1 and 4 under 35 U.S.C. §102(b) as being anticipated by *Renders*.

Independent claim 11 and dependent claim 12 have been added herein to further differentiate the present invention over *Renders*.

Claims 2 and 3 depend from independent claim 1. Therefore, dependent claims 2 and 3 include all of the elements and limitations of independent claim 1. It is therefore respectfully submitted by the Applicants that dependent claims 2 and 3 are allowable over *Renders* for at least the same reason as set forth with respect to independent claim 1. Withdrawal of the rejection of dependent claims 2 and 3 under 35 U.S.C. §102(b) as being anticipated by *Renders* is respectfully requested.

Claims 5 and 6 depend from independent claim 4. Therefore, dependent claims 5 and 6 include all of the elements and limitations of independent claim 4. It is therefore respectfully submitted by the Applicants that dependent claims 5 and 6 are allowable over *Renders* for at least the same reason as set forth with respect to independent claim 4. Withdrawal of the rejection of dependent claims 5 and 6 under 35 U.S.C. §102(b) as being anticipated by *Renders* is respectfully requested.

SUMMARY

Examiner Zimmerman's objections to the drawings have been obviated by the submission of the substitute specification and marked-up drawings. Examiner Zimmerman's objections to claims 1, 2, 4 and 5 have been obviated by the above amendments to these claims. Examiner Zimmerman's 35 U.S.C. §102(b) rejection of claims 1-6 have been obviated by the above remarks. The Applicants respectfully submit that claims 1-6 as amended herein and claims 11 and 12 as added herein fully satisfy the requirements of 35 U.S.C. §§ 102, 103 and 112. In view of the foregoing, favorable consideration and early passage to issue of the present application is respectfully requested.

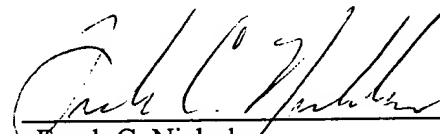
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VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

1. (Amended) A cathode ray tube with a deflection unit comprising a saddle-shaped deflection coil with a flange, said deflection coil flaring out in a fan-shaped manner from a rear end to a front end, characterized in that [the] a beginning of [the] a current-supply wire or current-supply wires is largely detached from the flange, which said flange does not exhibit an impression of the beginning of the current-supply wire or current-supply wires at the location where said beginning is detached from the flange.
2. (Amended) A cathode ray tube as claimed in claim 1, characterized in that the beginning of said current-supply wire or said current-supply wires is attached to the flange over a length L which is 1/6 to 1/3 of a width D of the flange.
4. (Amended) A deflection unit of or for a cathode ray tube comprising a saddle-shaped deflection coil with a flange, which said deflection coil flares out from a rear end to a front end in a fan-shaped manner, characterized in that [the] a current-supply wire or current-supply wires exhibit a beginning which is largely detached from the flange, which said flange does not exhibit an impression of the beginning of the current-supply wire or current-supply wires at the location where said beginning is detached from the flange.
5. (Amended) A deflection unit as claimed in claim 4, characterized in that the beginning of said current-supply wire or said current-supply wires is attached to the flange over a length L which is 1/6th to 1/3rd of a width D of the flange.